

### ABSTRACT OF THE DISCLOSURE

An apparatus for regenerating an adsorbent includes an electrolytic cell filled with an electrolyte; and an electrode unit that includes a first electrode made from the adsorbent in which a substance  
5 is adsorbed and a second electrode. The first electrode and the second electrode are soaked in the electrolyte. The apparatus also includes a power source that supplies a voltage applied between the first electrode and the second electrode.